

### Abstract

The present invention provides a method of producing coated fine particles in which core fine particles is coated with a coating layer, which comprises the steps of preparing a liquid (liquid A) containing a polar organic solvent in which core fine particles are dispersed and a component constituting a coating layer is dissolved; preparing a liquid (liquid B) which is miscible with the liquid A and does not contain a polar organic solvent or contains a polar organic solvent in a ratio lower than that in the liquid A; and letting the liquid A flow from at least one inlet of a device for producing coated fine particles equipped with an in-line mixing means having two or more inlets and one or more outlet(s) and letting the liquid B flow from at least one remaining inlet to mix the liquids thereby coating the core fine particles with the coating layer.